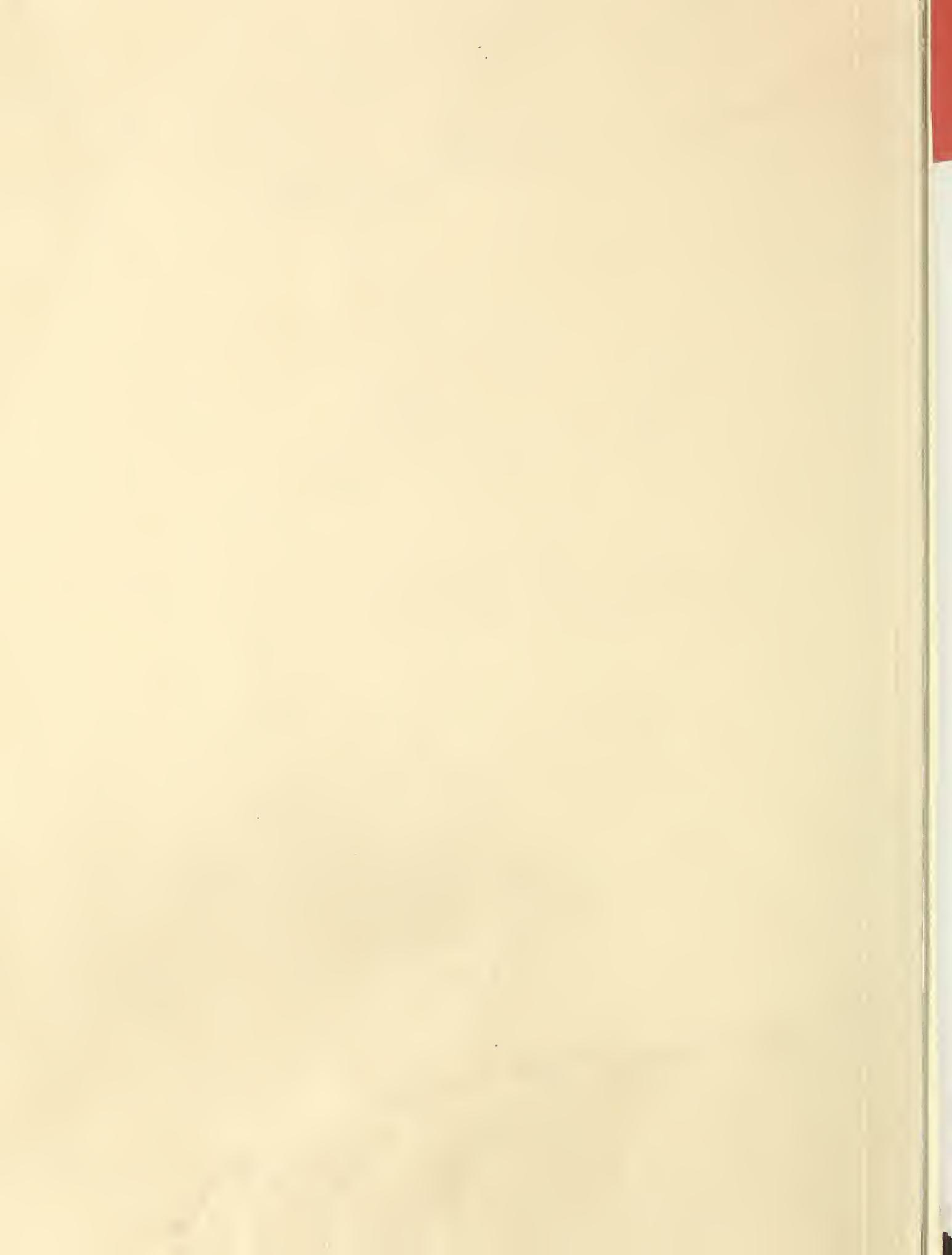


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Nutrition During Pregnancy

General Overview (in order by year)

"African American women and their pregnancies: research papers from the program project: Nutrition, Other Factors, and the Outcome of Pregnancy." Cecile Hoover Edwards (ed.) *Journal of Nutrition*, 124 (suppl. 6): 917S-1027S. 1994.

"Maternal nutrition and reproduction: why demographers and physiologists disagree about a fundamental relationship." James W. Wood. *Annals of the New York Academy of Sciences*, 709:101-116. 1994.

"Recent developments in maternal nutrition and their implications for practitioners." Proceedings of a conference. New Harmony, IN. April 30 - May 2, 1993. *American Journal of Clinical Nutrition*, 59(suppl. 2):437S-545S. 1994.

Clinical Maternal-Fetal Nutrition. Barbara Luke, Timothy R.B. Johnson, and Roy H. Petire. Boston, MA: Little, Brown, and Company. 1993. 335 pp.

"Maternal nutrition and pregnancy outcome." Carl L. Keen, Adrienne Bendich, and Calvin C. Willhite (eds.). *Annals of the New York Academy of Sciences*, 678:1-372. 1993.

"Nutrition during pregnancy: ACOG Technical Bulletin Number 179 - April 1993." *International Journal of Gynaecology and Obstetrics*, 43(1):67-74. 1993.

"Nutrition during pregnancy and lactation." Barbara F. Abrams and Christine A. Berman. *Primary Care*, 20(3):585-597. 1993.

Nutrition in Pregnancy and Lactation. 5th ed. Bonnie Worthington-Roberts and Sue Rodwell Williams. St. Louis, MO: Mosby-Year Book, Inc. 1993. 537 pp.

Nutrition During Pregnancy and Lactation: An Implementation Guide. Institute of Medicine. Food and Nutrition Board. Committee on Nutritional Status During Pregnancy and Nutrition. Washington, DC: National Academy Press, 1992. 133 pp.

Nutrition Services in Perinatal Care. 2nd ed. Committee on Nutritional Status During Pregnancy and Lactation. Institute of Medicine. Washington, DC: National Academy Press, 1992. 114 pp.

"Perspectives on nutrition during pregnancy: I. weight gain; II. nutrient supplements." Carol West Suitor. *Journal of The American Dietetic Association*, 91(1): 96-98. 1991.

"The role of the placenta in nutrition of the human fetus." Henning Schneider. *American Journal of Obstetrics and Gynecology*, 164(4):967-973. 1991.

Nutrition During Pregnancy: Part I: Weight Gain, Part II: Nutrient Supplements. Institute of Medicine. Food and Nutrition Board. Committee on Nutritional Status During Pregnancy. Washington, DC: National Academy Press, 1990. 468 pp.

Adolescent Pregnancy (in order by year)

"Position of The American Dietetic Association: nutrition care for pregnant adolescents." *Journal of The American Dietetic Association*, 94(4):449-450. 1994.

"Adolescent gestational weight gain and birth weight." Catherine Stevens-Simon, Elizabeth R. McAnarney, and Klaus J. Roghmann. *Pediatrics*, 92(6):805-809. 1993.

"Nutrition during teenage pregnancy." Yolanda Gutierrez and Janet C. King. *Pediatric Annals*, 22(2):99-108. 1993.

"A review of the epidemiology of nutrition and adolescent pregnancy: maternal growth during pregnancy and its effect on the fetus." Theresa O. Scholl and Mary L. Hediger. *Journal of The American College of Nutrition*, 12(2):101-107. 1993.

"Skeletal maturity and growth of adolescent mothers: relationship to pregnancy outcome." Catherine Stevens-Simon and Elizabeth R. McAnarney. *Journal of Adolescent Health*, 14(6):428-432. 1993.

"Weight gain attitudes among pregnant adolescents." Catherine Stevens-Simon, Ida I. Nakashima, and Deborah Andrews. *Journal of Adolescent Health*, 14(5):369-372. 1993.

"Adolescent pregnancy. Gestational weight gain and maternal and infant outcomes." Catherine Stevens-Simon and Elizabeth R. McAnarney. *American Journal of Diseases of Children*, 146(11):1359-1364. 1992.

"Cravings and aversions of pregnant adolescents." Janet F. Pope, Jean D. Skinner, and Betty Ruth Carruth. *Journal of The American Dietetic Association*, 92(12):1479-1482. 1992.

"Determinants of weight gain in pregnant adolescents." Catherine Stevens-Simon and Elizabeth R. McAnarney. *Journal of The American Dietetic Association*, 92(11):1348-1351. 1992.

"Maternal weight status and term birth weight in first and second adolescent pregnancies." Carol A. Hickey, et al. *Journal of Adolescent Health*, 13(7):561-569. 1992.

"Prepregnancy weight and rate of maternal weight gain in adolescents and young adults." Carol S. Johnston and Lisa A. Kandell. *Journal of The American Dietetic Association*, 92(12):1515-1517. 1992.

"Dietary quality of pregnant and nonpregnant adolescents." Jean D. Skinner and Betty Ruth Carruth. *Journal of The American Dietetic Association*, 91(6):718-720. 1991.

"Maternal weight gain, diet and infant birth weight: correlations during adolescent pregnancy." Theresa O. Scholl, et al. *Journal of Clinical Epidemiology*, 44(4-5):423-428. 1991.

"Pregnancy weight gain in adolescents and young adults." Carol S. Johnston, F. Scott Christopher, and Lisa A. Kandell. *Journal of The American College of Nutrition*, 10(3):185-189. 1991.

"Weight gain in adolescents during pregnancy: rate related to birth-weight outcome. Jane M. Rees, et al. *American Journal of Clinical Nutrition*, 56(5):868-873. 1991.

Calcium, Vitamin D, and Bone Health

"Calcium metabolism in the pregnant and lactating female." Roy M. Pitkin. In: *Calcium Nutriture for Mothers and Children. Carnation Nutrition Education Series*. 3:27-37. 1992.

"Bone density changes during pregnancy and lactation in active women: a longitudinal study." Barbara L. Drinkwater and Charles H. Chesnut, III. *Bone and Mineral*, 14(2):153-160. 1991.

"A prospective evaluation of bone mineral change in pregnancy." Maryfran Sowers, et al. *Obstetrics and Gynecology*, 77(6):841-845. 1991.

"Vitamin D and calcium homeostasis in pregnancy: feto-maternal relationships." Edgard E. Delvin, Bernard L. Salle, and Francis H. Glorieux. In: *Rickets. Nestlé Nutrition Workshop Series*. Francis H. Glorieux (ed.). 21:91-105. 1991.

Diabetes and Gestational Diabetes

"Blood glucose rise following prenatal vitamins in gestational diabetes." Suzanne Ponder Sparks, Lois Jovanovic-Peterson, Charles M. Peterson. *Journal of the American College of Nutrition*, 12(5):543-546. 1993.

"Carbohydrate metabolism during pregnancy in control subjects and women with gestational diabetes." Patrick M. Catalano. *American Journal of Physiology*, 264(1, pt. 1):E60-E67. 1993.

"Effect of insulin-dependent diabetes on plasma lipoproteins in diabetic pregnancy." Robert H. Knopp, et al. *Journal of Reproductive Medicine*, 38(9):703-710. 1993.

"Gestational diabetes." Donald R. Coustan. *Diabetes Care*, 16(suppl. 3):8-15. 1993.

"Lipid tolerance testing in pregnancy." Richard M. Cowett, Stephen R. Carr, and Paul L. Ogburn. *Diabetes Care*, 16(1):51-56. 1993.

"Prepregnancy weight and antepartum insulin secretion predict glucose tolerance five years after gestational diabetes mellitus." Boyd E. Metzger, et al. *Diabetes Care*, 16(12):1598-1605. 1993.

"Self-reported compliance with diabetes self-management during pregnancy." Laurie Ruggiero, et al. *International Journal of Psychiatry in Medicine*, 23(2):195-207. 1993.

"Weight gain in women with gestational diabetes." Patrick M. Catalano. *Obstetrics and Gynecology*, 81(4):523-528. 1993.

"Caloric restriction in pregnant diabetic women: a review of maternal obesity, glucose and insulin relationships as investigated at the University of California, San Diego." Dorothy R. Hollingsworth and Denise M. Ney. *Journal of the American College of Nutrition*, 11(3):251-258. 1992.

"The Diabetes in Early Pregnancy Study: changes in cholesterol, triglycerides, body weight, and blood pressure." Charles M. Peterson, et al. *American Journal of Obstetrics and Gynecology*, 166(2):513-518. 1992.

"Plasma and erythrocyte magnesium changes following a glucose challenge during pregnancy." Margaret A. Smith, David A. Nagey, and Phylis B. Moser-Veillon. *Journal of the American College of Nutrition*, 11(4):426-431. 1992.

Sweet Success California Diabetes & Pregnancy Program: Guidelines For Care. California Diabetes and Pregnancy Program. Sacramento, CA: Maternal & Child Health Branch, Department of Health Services. 1992. 207 pp.

"Calorie restriction for treatment of gestational diabetes." Anne Dornhorst, et al. *Diabetes*, 40(suppl. 2):161-164. 1991.

"Hypocaloric diets and ketogenesis in the management of obese gestational diabetic women." Robert H. Knopp, et al. *Journal of the American College of Nutrition*, 10(6):649-667. 1991.

"Impact of maternal fuels and nutritional state on fetal growth." Ronald K. Kalkhoff. *Diabetes*, 40(suppl. 2):61-65. 1991.

"Metabolic effects of hypocaloric diets in management of gestational diabetes." Robert H. Knopp, et al. *Diabetes*, 40(suppl. 2):165-171. 1991.

"Percentage of carbohydrate and glycemic response to breakfast, lunch, and dinner in women with gestational diabetes." Charles M. Peterson and Lois Jovanovic-Peterson. *Diabetes*, 40(suppl. 2):172-174. 1991.

"Serum lipids within 36 mo. of delivery in women with recent gestational diabetes." Siri L. Kjos, et al. *Diabetes*, 40(suppl. 2):142-146. 1991.

"Metabolic effects of 1200-kcal diet in obese pregnant women with gestational diabetes." Michael S. Magee, Robert H. Knopp, and Thomas J. Benedett. *Diabetes*, 39(2):234-240. 1990.

Eating Patterns, Dietary Intakes, and Nutrition Assessment

"Cultural influences on food cravings and aversions during pregnancy." Mary Coronios-Vargas, et al. *Ecology of Food and Nutrition*, 27(1):43-49. 1992.

"Development of an interactive, self-administered computerized food frequency questionnaire for use with low-income women. Carol West Suitor and Jane D. Gardner. *Journal of Nutrition Education*, 24(2):82-86. 1992.

"Eating habits and eating disorders during pregnancy." Christopher G. Fairburn, Alan Stein, and Rosemary Jones. *Psychosomatic Medicine*, 54(6):665-667. 1992.

"Food beliefs and diets of pregnant Korean-American women." Elaine Kris Ludman, Keum Jee Kang, and Lois L. Lynn. *Journal of The American Dietetic Association*, 92(12):1519-1520. 1992.

"Taste and food preference changes across the course of pregnancy." Deborah J. Bowen. *Appetite*, 19(3):233-242. 1992.

"Use of a modified food frequency questionnaire during pregnancy." Sharon Greeley, Lisa Storbakken, and Rhonda Magel. *Journal of the American College of Nutrition*, 11(6):728-734. 1992.

"Intake of tapwater and total water by pregnant and lactating women." Abby G. Ershow, Linda M. Brown, and Kenneth P. Cantor. *American Journal of Public Health*, 81(3):328-334. 1991.

"Pica practices of pregnant women." Ronnie D. Horner, et al. *Journal of The American Dietetic Association*, 91(1):34-38. 1991.

"Trends in alcohol consumption by pregnant women: 1985 through 1988." Mary Serdula, et al. *Journal of the American Medical Association*, 265(7):876-879. 1991.

"Characteristics of diet among a culturally diverse group of low-income pregnant women." Carol West Suitor, Jane D. Gardner, and Michael L. Feldstein. *Journal of The American Dietetic Association*, 90(4):543-549. 1990.

"Nutrient intakes during pregnancy: observations on the influence of smoking and social class." Frances M. Haste, et al. *American Journal of Clinical Nutrition*, 51(1):29-36. 1990.

"Supplement use among a culturally diverse group of low-income pregnant women." Carol West Suitor and Jane D. Gardner. *Journal of The American Dietetic Association*, 90(2):268-271. 1990.

Folacin, Other Nutrients, and Neural Tube Defects

"Folic acid for the prevention of neural tube defects." Committee on Genetics. American Academy of Pediatrics. *Pediatrics*, 92(3):493-494. 1993.

"Folate and neural tube defects: US policy evolves." *Nutrition Reviews*, 51(12):358-361. 1993.

"Maternal plasma folate and vitamin B12 are independent risk factors for neural tube defects." P.N. Kirke, et al. *Quarterly Journal of Medicine*, 86(11):703-708. 1993.

"Periconceptional vitamin profiles are not suitable for identifying women at risk for neural tube defects." Pim N. M. Mooij, et al. *Journal of Nutrition*, 123(2):197-203. 1993.

"Prevention of congenital abnormalities by periconceptional multivitamin supplementation." Andrew E. Czeizel. *British Medical Journal*, 306(6893):1645-1648. 1993.

"Supplemental folic acid." Michael B. Zimmermann and Barry Shane. *American Journal of Clinical Nutrition*, 58(2):127-128. 1993.

"Folic acid and neural tube defect: can't we come to closure." Walter C. Willett. *American Journal of Public Health*, 82(5):666-668. 1992.

"Maternal vitamin levels during pregnancies producing infants with neural tube defects." James L. Mills, et al. *Journal of Pediatrics*, 120(6):863-871. 1992.

"Nutrient levels in amniotic fluid from women with normal and neural tube defect pregnancies." E. W. Weekes, et al. *Biology of the Neonate*, 61(4):226-231. 1992.

"Prevention of the first occurrence of neural tube defects by periconceptional vitamin supplementation." Andrew E. Czeizel and István Dudás. *New England Journal of Medicine*, 327(26):1832-1835. 1992.

Food and Environmental Safety Issues

"Consequences on the newborn of chronic maternal consumption of caffeine during gestation and lactation: a review." A. Nehling and G. Debry. *Journal of the American College of Nutrition*, 13(1):6-21. 1994.

"Increased risk of proteinuria among a cohort of lead-exposed pregnant women." Pam Factor-Litvak, Zena Stein, and Joseph Graziano. *Environmental Health Perspectives*, 101(5):418-421. 1993.

"Newborn cardiac arrhythmias associated with maternal caffeine use during pregnancy." Anthony Hadeed and Sharon Siegel. *Clinical Pediatrics*, 32(1):45-47. 1993.

"Fish consumption and reproductive outcomes in Green Bay, Wisconsin." Ellen Dar, et al. *Environmental Research*, 59(1):189-201. 1992.

"The relation of the accumulation of cadmium in human placenta to the intake of high-fibre grains and maternal iron stores." A. Moberg Wing, et al. *European Journal of Clinical Nutrition*, 46(8):585-595. 1992.

"Lead in bone: implications for toxicology during pregnancy and lactation." E.K. Silbergeld. *Environmental Health Perspectives*, 91:63-70. 1991.

"Are caffeinated beverages risk factors for delayed conception." M. Riduan Joesoef. *The Lancet*, 335(8682):136-137. 1990.

Iron and Anemia

"Absorption of non-haem iron from food during normal pregnancy." Jon F.R. Barrett, et al. *British Medical Journal*, 309(6947):79-82. 1994.

"Effects of chronic exercise on blood volume expansion and hematologic indices during pregnancy." James M. Pivarnik, et al. *Obstetrics and Gynecology*, 83(2):265-269. 1994.

"Iron deficiency anemia increases risk of preterm delivery." Lindsay H. Allen. *Nutrition Reviews*, 51(2):49-52. 1993.

"Anemia vs iron deficiency: increased risk of preterm delivery in a prospective study." Theresa O. Scholl, et al. *American Journal of Clinical Nutrition*, 55(5):985-988. 1992.

"Iron balance in pregnancy and lactation." Leif Hallberg. In: *Nutritional Anemias. Nestlé Nutrition Workshop Series*. S.J. Foman and S. Zlotkin (eds.) 30:13-28. 1992.

"Maternal hematologic measures and pregnancy outcome." Mary C. Mitchell and Edith Lerner. *Journal of The American Dietetic Association*, 92(4):484-486. 1992.

"Iron absorption during normal human pregnancy: a study using stable isotopes." Paul G. Whittaker, Tom Lind, and John G. Williams. *British Journal of Nutrition*, 65(3):457-463. 1991.

"Relation of prepregnancy serum ferritin levels to hemoglobin levels throughout pregnancy." Martha Kaufer and Esther Casanueva. *European Journal of Clinical Nutrition*, 44(10):709-715. 1990.

Nutrient Requirements (Also, see sections for individual nutrients.)

"Accelerated folate breakdown in pregnancy." Joseph McPartlin, et al. *The Lancet*, 341(8838):148-149. 1993.

"Are n-3 fatty acids essential nutrients for fetal and infant development?" Joyce A. Nettleton. *Journal of The American Dietetic Association*, 93(1):58-64. 1993.

"Effects of energy and protein intakes on pregnancy outcome: an overview of the research evidence from controlled clinical trials." M.S. Kramer. *American Journal of Clinical Nutrition*, 58(5):627-635. 1993.

"First trimester bleeding and pregnancy outcome in gravidas with normal and low folate levels." Ran Neiger, et al. *American Journal of Perinatology*, 10(6):460-462. 1993.

"Influence of maternal factors on cord and neonatal plasma micronutrient levels." Penelope J. Dison, et al. *American Journal of Perinatology*, 10(1):30-35. 1993.

"Longitudinal assessment of energy expenditure in pregnancy by the doubly labeled water method." Gail R. Goldberg, et al. *American Journal of Clinical Nutrition*, 57(4):494-505. 1993.

"Vitamin A status of low-income pregnant women in Iowa as assessed by the modified relative dose-response." P.K. Duitsman, et al. *Annals of the New York Academy of Sciences*, 678:344-345. 1993.

"Vitamin B6 status indices are lower in pregnant than in nonpregnant women but urinary excretion of 4-pyridoxic acid does not differ." Paula R. Trumbo and Jing Wen Wang. *Journal of Nutrition*, 123(2):2137-2141. 1993.

"Human placental vitamin B6 (pyridoxal) transport: normal characteristics and effects of ethanol." Steven Schenker, et al. *American Journal of Physiology*, 62(6, pt. 2):R966-R974. 1992.

"Long chain fatty acids in obstetrics, gynecology, and fertility: a focus on non-eicosanoid-mediated mechanisms." Jamie Y. Jeremy. In: *Polyunsaturated Fatty Acids in Human Nutrition. Nestlé Nutrition Workshop Series*. U. Bracco and R. J. Deckelbaum (eds.). 28:179-194. 1992.

"Maternal serum folate and zinc concentrations and their relationships to pregnancy outcome." Tsunenobu Tamura, et al. *American Journal of Clinical Nutrition*, 56(2):365-370. 1992.

"Protein turnover in pregnancy." G.N. Thompson and D. Halliday. *European Journal of Clinical Nutrition*, 46(6):411-417. 1992.

"The transport of thiamine, riboflavin, and pyridoxal 5' -phosphate by human placenta." J. Zempleni, G. Link, and W. Kübler. *International Journal for Vitamin and Nutrition Research*, 62(2):165-172. 1992.

"Ascorbic acid concentrations in amniotic fluid in late pregnancy." Bridget Barrett, et al. *Biology of the Neonate*, 60(5):333-335. 1991.

"The essentiality of ultra trace elements for reproduction and pre- and postnatal development." M. Anke. In: *Trace Elements in Nutrition of Children-II. Nestlé Nutrition Workshop Series*. Ranjit K. Chandra (ed.) 23:119-144. 1991.

"Hematologic and vitamin status of African American women and their relationships to pregnancy outcome." Enid M. Knight, et al. *Nutrition Research*, 11(12):1357-1375. 1991.

"Hypothesis: prenatal ethanol-induced birth defects and retinoic acid." Raju K. Pullarkat. *Alcoholism: Clinical and Experimental Research*, 15(3):565-567. 1991.

"Lipid peroxidation products, selenium-dependent glutathione peroxidase and vitamin E in normal pregnancy." J. Uotila, et al. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, 42(2):95-100. 1991.

"Maternal levels of prostacyclin, thromboxane, vitamin E, and lipid peroxides throughout normal pregnancy." Yuping Wang, et al. *American Journal of Obstetrics and Gynecology*, 165(6, pt. 1):1690-1694. 1991.

"Maternal prenatal dietary potassium, calcium, magnesium, and infant blood pressure." Stephen T. McGarvey, et al. *Hypertension*, 17(2):218-224. 1991.

"The metabolism of trace elements in pregnancy." Peter J. Aggett, Doris M. Campbell, and Kenneth R. Page. In: *Trace Elements in Nutrition of Children. Nestlé Nutrition Workshop Series*, 23:27-48. 1991.

"Perinatal magnesium metabolism: personal data and challenges for the 1990's." Francis Mimouni and Reginald C. Tsang. *Magnesium Research*, 4(2):109-117. 1991.

Nutrient Supplementation

"Postnatal somatic and mental development after periconceptional multivitamin supplementation." Andrew E. Czeizel and Márta Dobó. *Archives of Disease in Childhood*, 70(3):229-233. 1994.

"Can prenatal vitamin K 1 (phylloquinone) supplementation replace prophylaxis at birth?" Takanobu Anai, et al. *Obstetrics and Gynecology*, 81(2):251-254. 1993.

"Prenatal vitamins. A rite of passage?" Mildred A. Omar and Rachel F. Schiffman. *MCN: American Journal of Maternal Child Nursing*, 18(6):322-324. 1993.

"Supplementation of vitamin K in pregnant women receiving anticonvulsant therapy prevents neonatal vitamin K deficiency." Marlies Cornelissen, et al. *American Journal of Obstetrics and Gynecology*, 168(3, pt. 1):884-888. 1993.

"Vitamin A supplementation during pregnancy. ACOG Committee Opinion." Committee on Obstetrics: Maternal and Fetal Medicine. *International Journal of Gynaecology and Obstetrics*, 40(2):175. 1993.

"Nutritional counselling and supplementation in the second and third trimester of pregnancy, a study in a London population." W. Doyle, et al. *Journal of Nutritional Medicine*, 3(3/4):249-256. 1992.

"Randomised controlled trial of effect of fish-oil supplementation on pregnancy duration." Sjúrdur F. Olsen, et al. *The Lancet*, 339(8800):1003-1007. 1992.

Nutrition Interventions

"A comparison of low birth weight among medicaid patients of public health departments and other providers of prenatal care in North Carolina and Kentucky." Paul A. Buescher and Nancy I. Ward. *Public Health Reports*, 107(1):54-59. 1992.

"Factors associated with rates of participation in WIC by eligible pregnant women." Lucinda R. Kahler, et al. *Public Health Reports*, 107(1):60-65. 1992.

"Pregnancy nutrition surveillance system--United States, 1979-1990." Insun Kim, et al. *Morbidity and Mortality Weekly Report*, 41(7):25-41. 1992.

"Public health nutrition practices to prevent low birth weight in eight southeastern states." Betsy Haughton, et al. *Journal of The American Dietetic Association*, 92(2):187-191. 1992.

"The association of prenatal nutrition and educational services with low birth weight rates of a Florida program." Douglas L. Taren and Stanley N. Graven. *Public Health Reports*, 106(4):426-436. 1991.

"The impact of the healthiest babies possible program on maternal diet and pregnancy outcome in underweight and overweight clients." Rena Mendelson, et al. *Journal of the Canadian Dietetic Association*, 52(4):229-234. 1991.

"Summary document of nutrition intervention in prenatal care." Peggy Hixon Trouba, Ndubueze Okereke, and Patricia L. Splett. *Journal of The American Dietetic Association*, 91(suppl. 11):s21-s26. 1991.

Phenylketonuria

"The North American Collaborative Study of Maternal Phenylketonuria. Status report 1993." Richard Koch, et al. *American Journal of Diseases of Children*, 147(11):1224-1230. 1993.

"The use of gelatin capsules for ingestion of formula in dietary treatment of maternal phenylketonuria." H.H. Kecskemethy, D. Lobbregt, and H.L. Levy. *Journal of Inherited Metabolic Diseases*, 16(1):111-118. 1993.

"Maternal phenylketonuria." Edward R.B. McCabe, et al. Committee on Genetics. American Academy of Pediatrics. *Pediatrics*, 88(6):1284-1285. 1991.

"Phenylketonuria--impact of nutrition support on reproductive outcomes." Phyllis B. Acosta. *Nutrition Today*, 26(1):43-47. 1991.

"Theoretical and practical aspects of preventing fetal damage in women with phenylketonuria." Stephen Krywawych, M. Haseler, and D.P. Brenton. In: *Inborn Errors of Metabolism. Nestlé Nutrition Workshop Series*. J. Schaub, F. Van Hoof, and H.L. Vis (eds.). 24:125-135. 1991.

Pregnancy Induced Hypertension

"Pathophysiology of hypocalciuria in preeclampsia: measurement of intestinal calcium absorption." Asad Tolaymat, et al. *Obstetrics and Gynecology*, 83(2):239-243. 1994.

"Dietary supplementation with primrose oil or fish oil does not change urinary excretion of prostacyclin and thromboxane metabolites in pre-eclamptic women." H. Laivuori, et al. *Prostaglandins Leukotrienes and Essential Fatty Acids*, 49(3):691-694. 1993.

"Findings on lipid peroxidation and antioxidant function in hypertensive complications of pregnancy." J.T. Uotila, et al. *British Journal of Obstetrics and Gynaecology*, 100(3):270-276. 1993.

"Nutritional factors and rest reduce pregnancy-induced hypertension and pre-eclampsia in positive roll-over test primigravidae." J.A. Herrera. *International Journal of Gynaecology and Obstetrics*, 41(1):31-35. 1993.

"Pregnancy-induced hypertension is associated with changes in maternal and umbilical blood antioxidants." Jukka Uotila, et al. *Gynecologic and Obstetric Investigation*, 36(3):153-157. 1993.

"Calcium supplementation on normotensive and hypertensive pregnant women." Kathy B. Knight and Robert E. Keith. *American Journal of Clinical Nutrition*, 55(4):891-895. 1992.

"The relationship of calcium nutrition and metabolism to preeclampsia and premature labor." Leslie Myatt. In: *Calcium Nutriture for Mothers and Children. Carnation Nutrition Series*. Reginald C. Tsang and Francis Mimouni (eds.). 3:129-141. 1992.

"Calcium intake from dairy products and supplements and the risk of preeclampsia and gestational hypertension." Sylvie Marcoux, Jacques Brisson, and Jacqueline Fabia. *American Journal of Epidemiology*, 133(12):1266-1272. 1991.

"Calcium supplementation to prevent hypertensive disorders of pregnancy." José M. Belizán, et al. *New England Journal of Medicine*, 325(20):1399-1405. 1991.

"The imbalance between thromboxane and prostacyclin in preeclampsia is associated with an imbalance between lipid peroxides and vitamin E in maternal blood." Yuping Wang, et al. *American Journal of Obstetrics and Gynecology*, 165(6, pt. 1):1695-1700. 1991.

"New concepts in the understanding of hypertensive diseases during pregnancy." Frederick P. Zuspan. *Clinics in Perinatology*, 18(4):653-659. 1991.

Working Group Report on High Blood Pressure in Pregnancy. Reprint. (NIH Publication #91-3029). Bethesda, MD: National Institutes of Health, National Heart, Lung, and Blood Institute. 1991. 38 pp.

"A possible preventive effect of low-dose fish oil on early delivery and pre-eclampsia: indications from a 50-year old controlled trial." Sjúrdur F. Olsen and Niels J. Secher. *British Journal of Nutrition*, 64(3):599-609. 1990.

Special Topics

"Battling morning (noon and night) sickness: new approaches for treating an age-old problem." Miriam Erick. *Journal of The American Dietetic Association*, 94(2):147-148. 1994.

"Parenteral nutrition during pregnancy: lack of association with idiopathic preterm labor or preeclampsia." Jeffrey S. Greenspoon, et al. *Journal of Reproductive Medicine*, 39(2):87-91. 1994.

"Clinical advances in the management of severe nausea and vomiting during pregnancy." Vicky Newman, Judith T. Fullerton, and Philip O. Anderson. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 22(6):483-490. 1993.

"Eating and drinking in labor. A literature review." Leslie M. Ludka and Catherine C. Roberts. *Journal of Nurse-Midwifery*, 38(4):199-207. 1993.

"Low-risk mothers. Oral intake and emesis in labor." Sharon A. O'Reilly, Paulette J. Perrone Hoyer, and Elissa Walsh. *Journal of Nurse-Midwifery*, 38(4):228-235. 1993.

"Parenteral nutrition in hyperemesis gravidarum." Victor Charlin, et al. *Nutrition*, 9(1):29-32. 1993.

"Pregnancy and eating disorders: a review and clinical implications." Debra L. Franko and Barbara E. Walton. *International Journal of Eating Disorders*, 13(1):41-48. 1993.

"Allergy prevention by maternal elimination diet during late pregnancy--a 5-year-follow-up of a randomized study." Karin Fäith-Magnusson and H.I. Max Kjellman. *Journal of Allergy and Clinical Immunology*, 89(3):709-713. 1992.

"Dietetic implications of pregnancy following gastric partitioning surgery." Rosalie A. Boyce and Sandy Z. O'Donnell. *Journal of Human Nutrition and Dietetics*, 5(2):107-112. 1992.

"Elemental diet in the management of Crohn's disease during pregnancy." K. Teahon, et al. *Gut*, 32(9):1079-1081. 1991.

"A historical perspective and review of the safety of lipid emulsion in pregnancy." Paul Amato and Robert A. Quercia. *Nutrition in Clinical Practice*, 6(5):189-192. 1991.

"Maternal weight gain in twin pregnancy." Kathleen French, Deborah A. Ford, and Michele M. Fairchild. *Topics in Clinical Nutrition*, 6(4):45-50. 1991.

"The vegan diet during pregnancy and childhood: pregnancy and the vegan diet." Reed Mangels. *Vegetarian Journal*, 10(1):9-13. 1991.

"Vitamin B6 is effective therapy for nausea and vomiting of pregnancy: a randomized, double-blind placebo-controlled study." Vicken Sahakian, et al. *Obstetrics and Gynecology*, 78(1):33-36. 1991.

"Pregravid weight, gestational weight gain, and current weight of women delivered of twins." Barbara Luke, et al. *Journal of Perinatal Medicine*, 19(5):333-340. 1991.

"A retrospective study of pregnancy in bulimia nervosa." James E. Mitchell, et al. *International Journal of Eating Disorders*, 19(2):209-214. 1991.

"Successful hyperlipemic pregnancy." Susan L. Sanderson, Per-Henrik Iverius, and Dana E. Wilson. *Journal of the American Medical Association*, 265(14):1858-1860. 1991.

"Twin pregnancy: the impact of the Higgins Nutrition Intervention Program on maternal and neonatal outcomes." Sheila Dubois, et al. *American Journal of Clinical Nutrition*, 53(6):1397-1403. 1991.

Weight Gain and Body Composition

"Changes in maternal upper arm fat stores are predictors of variation in infant birth weight." M.L. Hediger, et al. *Journal of Nutrition*, 124(1):24-30. 1994.

"Longitudinal changes in adiposity associated with pregnancy: The CARDIA Study." Delia E. Smith, et al. *Journal of the American Medical Association*, 271(22):1747-1751. 1994.

"Total body water in pregnancy: assessment by using bioelectrical impedance." Henry C. Lukaski, et al. *American Journal of Clinical Nutrition*, 59(3):578-585. 1994.

"Body composition measurements during pregnancy." Sally Ann Lederman, et al. In: *Human Body Composition. Basic Life Sciences*. K.J. Ellis and J.D. Eastman (eds.). 60:193-195. 1993.

"Differences in postpartum weight retention between black and white mothers." Jennifer D. Parker and Barbara Abrams. *Obstetrics and Gynecology*, 81(5, pt. 1):768-774. 1993.

"The effect of pregnancy weight gain on later obesity." Sally Ann Lederman. *Obstetrics and Gynecology*, 82(1):148-155. 1993.

"Fat and female fecundity: prospective study of effect of body fat distribution on conception rates." Boukje M. Zaadstra, et al. *British Medical Journal*, 306(6876):484-487. 1993.

"Frequency of seafood intake in pregnancy as a determinant of birth weight: evidence for a dose dependent relationship." Sjúrdur F. Olsen, et al. *Journal of Epidemiology and Community Health*, 47(6):436-440. 1993.

"Influence of maternal age, birth-to-conception intervals and prior perinatal factors on perinatal outcomes." Mandan Farahati, Nader Bozorgi, and Barbara Luke. *The Journal of Reproductive Medicine*, 38(10):751-756. 1993.

"Modeling maternal weight and height in studies of pregnancy outcome among Hispanic women." Katherine M. Flegal, et al. *American Journal of Clinical Nutrition*, 58(2):145-151. 1993.

"Prenatal weight gain, term birth weight, and fetal growth retardation among high-risk multiparous black and white women." Carol A. Hickey, et al. *Obstetrics and Gynecology*, 81(4):529-535. 1993.

"Recent issues related to nutrition during pregnancy." Sally Ann Lederman. *Journal of the American College of Nutrition*, 12(2):91-100. 1993.

"Total body fat and its distribution during human reproduction as assessed by magnetic resonance imaging." Annica Sohlström, Lars-Olof Wahlund, and Elisabet Forsum. In: *Human Body Composition. Basic Life Sciences*. K.J. Ellis and J.D. Eastman (eds.). 60:181-184. 1993.

"Biosocial predictors of maternal weight near term among low-income black and Hispanic women. Carol A. Hickey, et al. *Nutrition Research*, 12(3):337-352. 1992.

"Effect of fat and fat-free mass deposition during pregnancy on birth weight." José Villar, et al. *American Journal of Obstetrics and Gynecology*, 167(5):1344-1352. 1992.

"Excessive maternal weight gain and pregnancy outcome." John W.C. Johnson, Jeffrey A. Longmate, and Barbara Frentzen. *American Journal of Obstetrics and Gynecology*, 167(2):353-370. 1992.

"Factors that influence weight loss in the puerperium." Charles W. Schaubberger, Brenda L. Rooney, and Lorraine M. Brimer. *Obstetrics and Gynecology*, 79(3):424-429. 1992.

"Maternal nutrition and spontaneous preterm birth." Michael S. Kramer, et al. *American Journal of Epidemiology*, 136(5):574-583. 1992.

"Maternal pregravid weight, age, and smoking status as risk factors for low birth weight births." Chandana Nandi and Merwyn R. Nelson. *Public Health Reports*, 107(6):658-662. 1992.

"Maternal weight, weight gain during pregnancy and pregnancy outcome." U. Ekblad and S. Grenman. *International Journal of Gynaecology and Obstetrics*, 39(4):277-283. 1992.

"Parity-related weight change in women." Judith E. Brown, Susan A. Kaye, and Aaron R. Folsom. *International Journal of Obesity*, 16(9):627-631. 1992.

"Prenatal weight gain advice: an examination of the recent prenatal weight gain recommendations of the Institute of Medicine." Jennifer D. Parker and Barbara Abrams. *Obstetrics and Gynecology*, 79(5, pt. 1):664-669. 1992.

"Relationship of self-reported prepregnant weight and weight gain during pregnancy to maternal body habitus and age." Catherine Stevens-Simon, Klaus J. Roghmann, and Elizabeth R. McAnarney. *Journal of The American Dietetic Association*, 92(1):85-87. 1992.

"Short communication: pregnancy, weight cycling and weight gain in obesity." Stephan Rössner. *International Journal of Obesity*, 16(2):145-147. 1992.

"Using early weight gain and other nutrition-related risk factors to predict pregnancy outcomes." Ninfa Saturnino Springer, et al. *Journal of The American Dietetic Association*, 92(2):217-219. 1992.

"Validity of self-reported pregravid weight." Stella M. Yu and David A. Nagey. *Annals of Epidemiology*, 2(5):715-721. 1992.

"The clinical utility of maternal body mass index in pregnancy." Honor M. Wolfe, et al. *American Journal of Obstetrics and Gynecology*, 164(5, pt. 1):1306-1310. 1991.

"Repeated measurement of maternal weight during pregnancy. Is this a useful practice?" M.G. Dawes and J.G. Grudzinskas. *British Journal of Obstetrics and Gynaecology*, 98(2):189-194. 1991.

"Weight changes during pregnancy and the postpartum period." Elizabeth M. Johnson. *Progress in Food and Nutrition Science*, 15(3):117-157. 1991.

"Weight gain by gestational age in both black and white women delivered of normal-birth-weight and low-birth-weight infants." Diana B. Petitti, Mary S. Croughan-Minihane, and Robert A. Hiatt. *American Journal of Obstetrics and Gynecology*, 164(3):801-805. 1991.

"Women who gain more fat during pregnancy may not have bigger babies: implications for recommended weight gain during pregnancy. M. Lawrence, F. M. McKillop, and J.V.G.A. Durnin. *British Journal of Obstetrics and Gynaecology*, 98(3):254-259. 1991.

Zinc and Copper

"Failure to taste zinc sulfate solution does not predict zinc deficiency in pregnancy." Kassam Mahomed, et al. *European Journal of Obstetrics, Gynecology and Reproductive Biology*, 48(3):169-175. 1993.

"Effects of a multivitamin mineral supplement on zinc and copper status during pregnancy." Estelle Thauvin, et al. *Biological Trace Element Research*, 32:405-414. 1992.

"Maternal factors affecting teratogenic response: a need for assessment." Carl L. Keen. *Teratology*, 46(1):15-21. 1992.

"Smoking alters the relationship between maternal zinc intake and biochemical indices of fetal zinc status." Betty R. Kuhnert, et al. *American Journal of Clinical Nutrition*, 55(5):981-984. 1992.

"Zinc: a perinatal point of view." Roxana Valdes-Ramos. *Progress in Food and Nutrition Science*, 16(4):279-306. 1992.

"A double blind trial of zinc supplementation in pregnancy." Karen Simmer, et al. *European Journal of Clinical Nutrition*, 45(3):139-144. 1991.

"A positive association between maternal serum zinc concentration and birth weight." Yasmin H. Neggers, et al. *American Journal of Clinical Nutrition*, 51(4):678-684. 1990.

Contacts for Assistance:

Local Contacts: (refer to your telephone directory)

Ask for the:

Dietetic Association (state or regional chapter)	Registered Dietitian
Extension Service (county or state)	Home Economist or Food and Nutrition Specialist
Health Department	Nutritionist
Hospital	Outpatient Nutrition Services or Registered Dietitian
College or University	Nutrition Department

National Contacts:

American College of Obstetricians and Gynecologists, Office of Public Information, 409 12th St., NW, Suite 250, Washington, DC 20024. (202) 638-5577.

Clearinghouse on Infant Feeding and Maternal Nutrition, American Public Health Association, 1015 15th St., NW, Washington, DC 20005. (202) 789-5600.

Food and Nutrition Information Center, National Agricultural Library, USDA, Room 304, 10301 Baltimore Blvd., Beltsville, MD 20705-2351. (301) 504-5719.

March of Dimes Birth Defects Foundation, 1275 Mamoroneck Ave., White Plains, NY 10605. (914) 428-7100.

National Center for Education in Maternal Child Health, 2000 15th St. North, Suite 701, Arlington, VA 22201-7802. (703) 524-7802.

National Center for Nutrition and Dietetics, The American Dietetic Association, 216 W. Jackson Blvd., Suite 800, Chicago, IL 60606-6995. (800) 366-1655.

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- Kathleen J. Motil, MD, PhD, USDA/ARS Children's Nutrition Research Center, Baylor College of Medicine, Houston, TX 77030.
- Kathleen Rasmussen, ScD, RD, Division of Nutritional Sciences, Cornell University, Ithaca, NY 14853.

- Carol West Sutor, DSc, RD, National Center for Education in Maternal Child Health, Georgetown University, Arlington, VA 22201.
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- Food and Nutrition Information Center staff

This *Nutri-Topics* was compiled by
Natalie Updegrove Partridge, MS, RD, Nutritionist
Food and Nutrition Information Center 1994

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